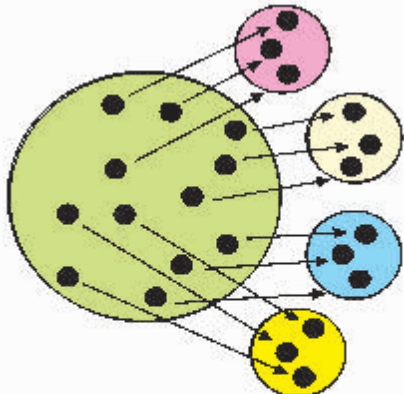
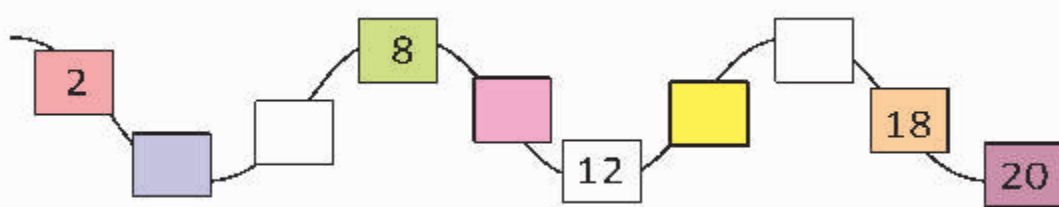


# Complementary Basic Education Primers (CBE) for the Cocoa Growing Communities in Ghana

+			
+	3	6	9
↓	5	4	9
	8	10	18



$12 \div \square = 3$



**Complementary Basic Education Primers (CBE)  
for the Cocoa Growing Communities in Ghana**

# **AKUAPEM TWI NUMERACY BOOK 2**



**International Labour Organisation**  
Supported by: United States Department of Labor (USDOL)



Ghana Education Service

**SfL**  
School for Life

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## ጋፋ 11. ስህዌ ነታዎ

1. ገሃደው ነጋሙ ከሃይሃደው በላይ ለማድረግ ለማይችል ነው።

በሌላ ገጽ ላይ ለማድረግ ለማይችል ነው።

በሌላ ገጽ ላይ ለማድረግ ለማይችል ነው 5 ማድረግ?

ገሃደው ለሌላ ገጽ ለማድረግ ለማይችል ነው።

ገሃደው ለሌላ ገጽ ለማድረግ ለማይችል ነው 30 ማድረግ።

በሌላ ገጽ ላይ ለማድረግ ለማይችል ነው።

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## Ɔfa 11. Sɔhwɛ.

1. Nkekaho anaa Nyifimu.

$\begin{array}{r} 34 \\ + 42 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ - 37 \\ \hline \end{array}$	$\begin{array}{r} 453 \\ + 529 \\ \hline \end{array}$	$\begin{array}{r} 960 \\ - 527 \\ \hline \end{array}$
---	---	---	---

2. Kyerɛw nɔma a edidi so no.

$2674$  \_\_\_\_\_  $3889$  \_\_\_\_\_  $1032$  \_\_\_\_\_

3. Wie eyinom.

	Mpem	Ɔha ɔha	Du du	Mmaako mmaako
<b>921</b>				
<b>1090</b>				
<b>5378</b>				

4. Yɛ no Ahoroyɛ ne Nkyekyɛmu.

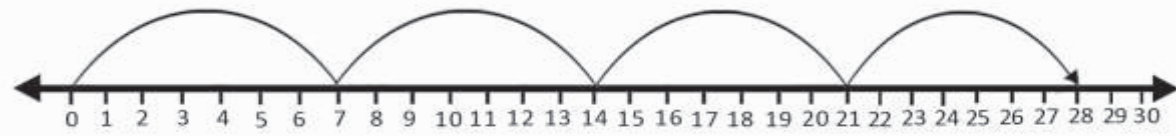
$25 \div 5 = \square$

$8 \times 4 = \square$

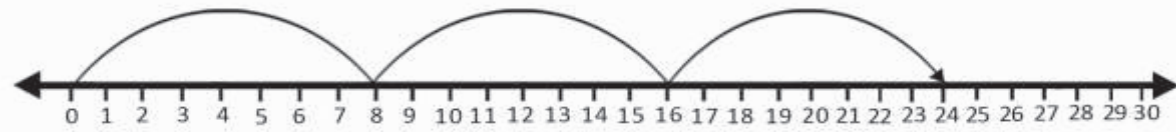
$9 \times 3 = \square$

$36 \div 4 = \square$

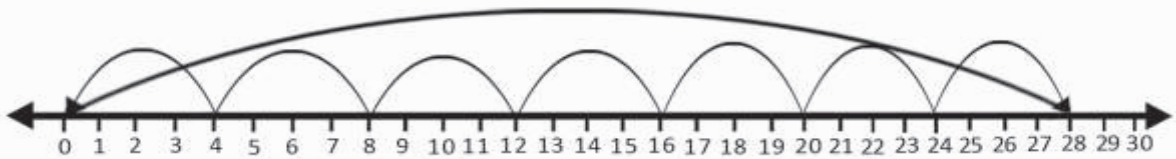
## Ɔfa 10. Ntimu Adesua 2.



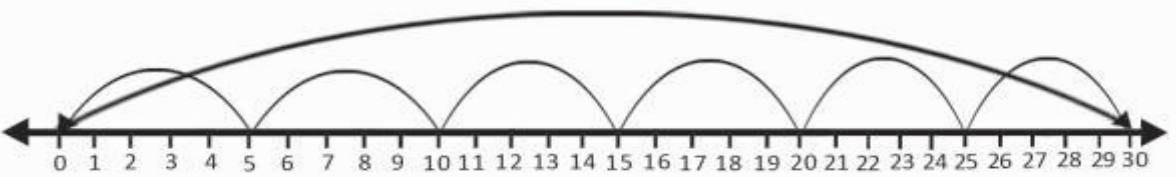
$$\square \times \square = \square$$



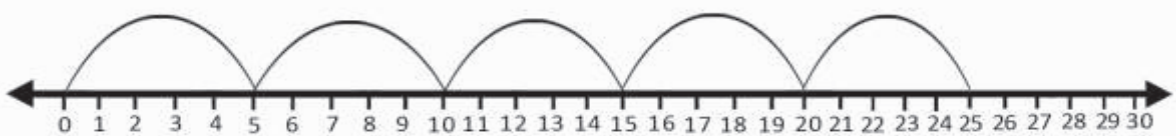
$$\square \times \square = \square$$



$$\square \div \square = \square$$



$$\square \div \square = \square$$



$$\square \times \square = \square$$

## Ɔfa 1. Nkekaho ne Nyifim dwumadi

Fa nɔma a yeagyaw biara hyehye mu.

+      →			
+	3	6	9
↓	5	4	9
↓	8	10	18

-      →			
-	7	5	2
↓	2	2	0
↓	5	3	2

+      →			
+	7	5	
↓	8	9	
↓			

-      →			
-	9	5	
↓	6	3	
↓			

+      →			
+	8	4	
↓	7	8	
↓			

-      →			
-	26	5	
↓	14	3	
↓			



**Ɔfa 2. Nɔma Abien Nkekaho Adesua 1.**

**Kan nɔma no du du ne mmaako mmaako.**

27

$20 + 7 = \square$   
 $10 + 10 + 7 = \square$   
 $10 + 10 + 10 + 7 = \square$   
 $10 + 10 + 10 + 10 + 7 = \square$   
 $10 + 10 + 10 + 10 + 10 + 7 = \square$   
 $10 + 10 + 10 + 10 + 10 + 10 + 7 = \square$   
 $10 + 10 + 10 + 10 + 10 + 10 + 10 + 7 = \square$   
 $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 7 = \square$

**Ɔfa 10. Ntimu Adesua 1.**

**Fa Ahoroyɛ ne Nkyekyɛmu ma mmuae.**

$4 \times 4 = \square$

$21 \div 3 = \square$

$10 \times 8 = \square$

$25 \div 5 = \square$

$7 \times 5 = \square$

$36 \div 4 = \square$

$8 \times 3 = \square$

$20 \div 5 = \square$

$9 \times 5 = \square$

$40 \div 4 = \square$

**Ɔfa 9. Nkyekyemu bebre Adesua 9.**

Kenkan nsemisa no. Kyerew nɔma no nhyehyee no, na ma mmuae no.

Tikya bi wɔ sukuufo 25. Ɔkyekyee wɔn mu akuw 5. Sukuufo dodow ahe na ewɔ kuw biara mu?

$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Nnamfo 4 wɔ mango 28. Wɔkye no berebere a, wɔn mu biara benya dodow ahe?

$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Boama wɔ akutu 12. Da biara odi 2. Nnafua dodow ahe mu na obenya akutu adi?

$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Mihia pensere 36. Pensere 4 wɔ pakete baako mu. Pakete dodow ahe na esɛ sɛ metɔ?

$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

**Ɔfa 2. Nɔma Abien Nkekaho Adesua 2.**

Fa no du du ne mmaako mmaako ma wo mmuae no.

Du du	Mmaako mmaako	Du du	Mmaako mmaako	Du du	Mmaako mmaako	Du du	Mmaako mmaako
2	2	1	3	4	6	1	2
+ 5	4	+ 2	1	+ 1	2	+ 3	6
7	6						
7	5	8	6	1	1	4	3
+ 2	3	+ 1	2	+ 5	7	+ 5	5

Mansa wɔ mango 10. Ne maame maa no 12 kaa ho. Mprempren mango dodow ahe na Mansa wɔ?

Du du	Mmaako mmaako
+	

Agyei wɔ mmabaa kaontɛse 34. Ne Tikya ma no 25 ka ho. Mmabaa kaontɛse dodow ahe na Agyei wɔ?

Du du	Mmaako mmaako
+	

Obi maa Kwame ne Amma mu biara nkesua 23. Nkesua dodow ahe na wɔn baanu no wɔ?

Du du	Mmaako mmaako
+	



Ɔfa 2. Nɔma Abien Nkekaho Adesua 4.

Sensan mmabaa no du du ne mmaako mmaako. Ma mmuae.

Ahɔhofi		
Du du	Mmaako mmaako	
2	8	
+ 5	4	
8	2	

Ahɔhofi	
Du du	Mmaako mmaako
2	6
+ 2	8

Ahɔhofi	
Du du	Mmaako mmaako
6	8
+	5

Ahɔhofi	
Du du	Mmaako mmaako
2	7
+ 3	8

Ɔfa 9. Nkyekyɛmu bebree Adesua 9.

Kenkan nsemmissa no. Kyerɛw nɔma no nhyehyɛe no, na ma mmuae no.

3		
6	÷	2
12	÷	4
9	÷	3
15	÷	5
3	÷	1

2		
12	÷	
8	÷	
6	÷	
4	÷	
2	÷	

4		
20	÷	
	÷	4
12	÷	
8	÷	
	÷	1

5		
25	÷	
	÷	4
	÷	3
10	÷	
	÷	1

## Ɔfa 9. Nkyekyemu bebreɛ Adesua 8.

Hwɛ nhwɛso no, na afei wie nhyehyɛ no.

$4 \div 2 = \boxed{\phantom{00}}$

$18 \div 2 = \boxed{\phantom{00}}$

$6 \div 3 = \boxed{\phantom{00}}$

$16 \div 4 = \boxed{\phantom{00}}$

$20 \div 4 = \boxed{\phantom{00}}$

$15 \div 5 = \boxed{\phantom{00}}$

$30 \div 3 = \boxed{\phantom{00}}$

$24 \div 3 = \boxed{\phantom{00}}$

$25 \div 5 = \boxed{\phantom{00}}$

$14 \div 2 = \boxed{\phantom{00}}$

## Ɔfa 2. Nɔma Abien Nkekaho Adesua 5.

Ahɔhofi	
Du du	Mmaako mmaako
4	7
+ 2	8
7	5

Ahɔhofi	
Du du	Mmaako mmaako
1	7
+ 4	3

Ahɔhofi	
Du du	Mmaako mmaako
6	6
+ 2	8

Ahɔhofi	
Du du	Mmaako mmaako
3	3
+	7

Ahɔhofi	
Du du	Mmaako mmaako
3	3
+ 2	7

Ahɔhofi	
Du du	Mmaako mmaako
6	7
+	5

Ahɔhofi	
Du du	Mmaako mmaako
2	8
+ 3	8

Ahɔhofi	
Du du	Mmaako mmaako
2	8
+ 3	4

Ahɔhofi	
Du du	Mmaako mmaako
4	7
+ 1	4

Ahɔhofi	
Du du	Mmaako mmaako
2	2
+ 3	8

## Ɔfa 2. Nɔma Abien Nkekaho Adesua 7.

Ahɔhofi	
Du du	Mmaako mmaako
1	8
+ 2	2
2	9
7	9

Ahɔhofi	
Du du	Mmaako mmaako
1	6
+ 3	5
3	9

Ahɔhofi	
Du du	Mmaako mmaako
3	9
+ 3	5
1	7

Ahɔhofi	
Du du	Mmaako mmaako
1	8
+ 1	9
5	6

Ahɔhofi	
Du du	Mmaako mmaako
4	9
+ 1	3
1	5

Kofi tase mango 18. Ne nuabarima nso tase 25. Mango dodow ahe na wɔtase bɔ mu?



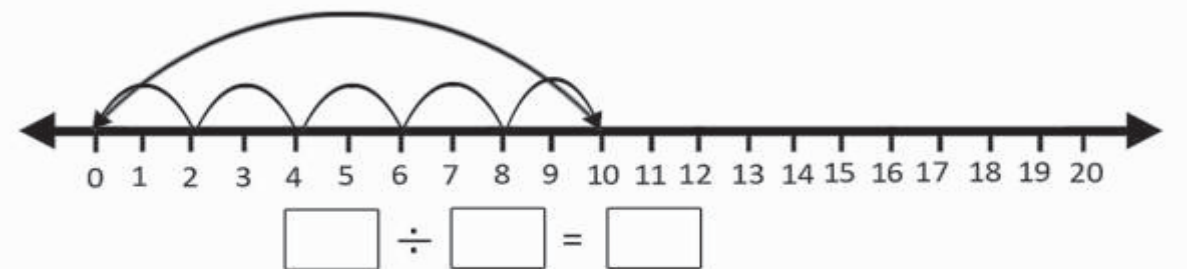
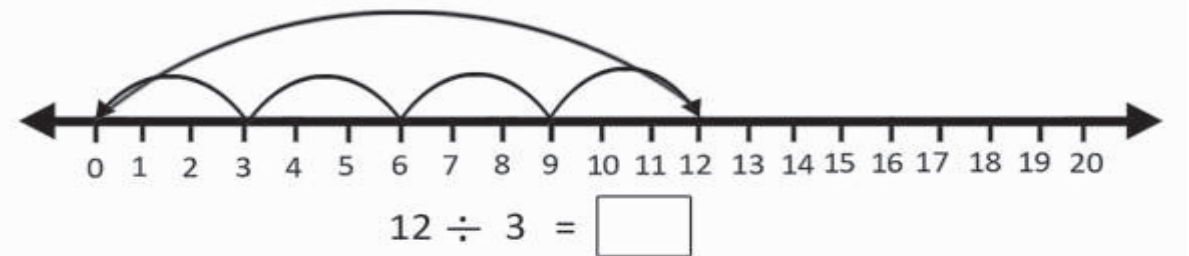
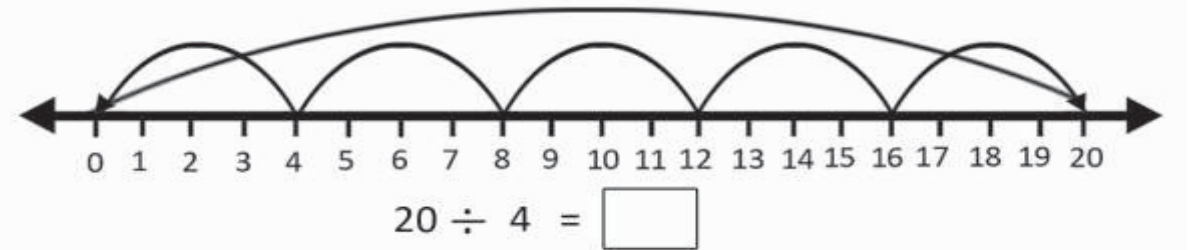
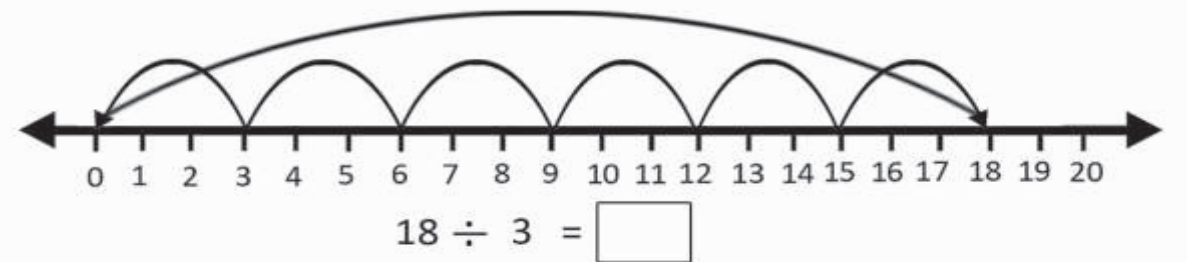
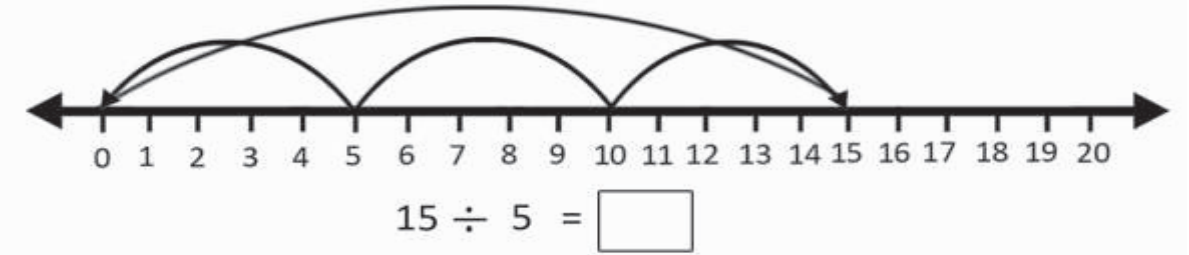
Ahɔhofi	
Du du	Mmaako mmaako
+	

Mewɔ cedi 28 na me maame ama me cedi 16. Sika dodow ahe na mewɔ?

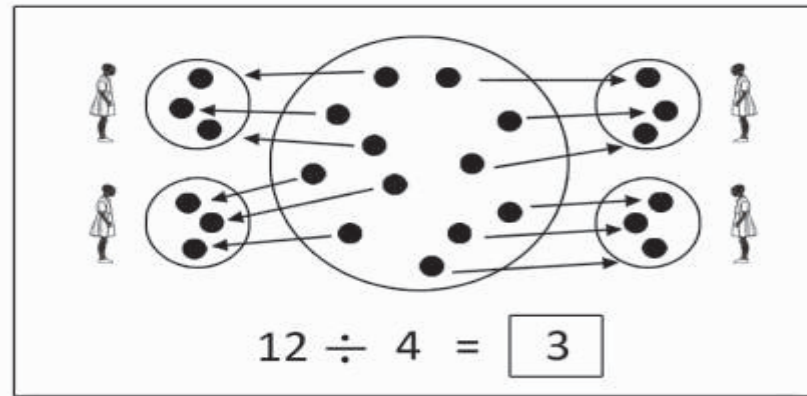


Ahɔhofi	
Du du	Mmaako mmaako
+	

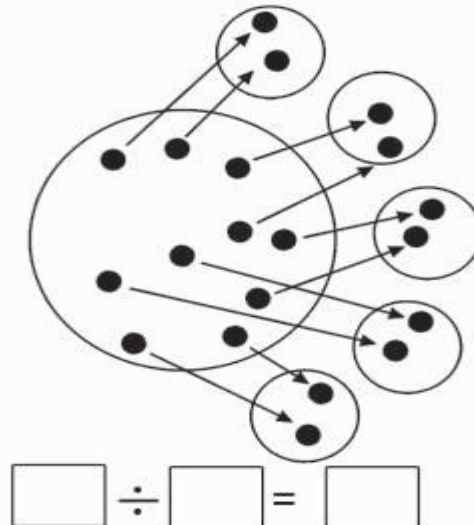
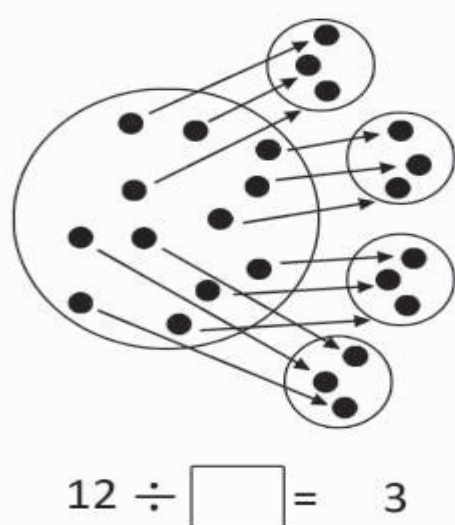
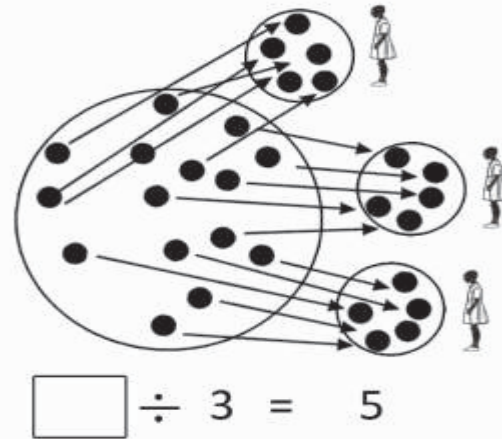
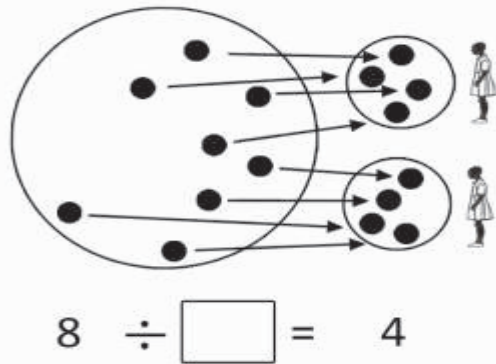
## Ɔa 9. Nkyekyɛmu bebreɛ Adesua 4.



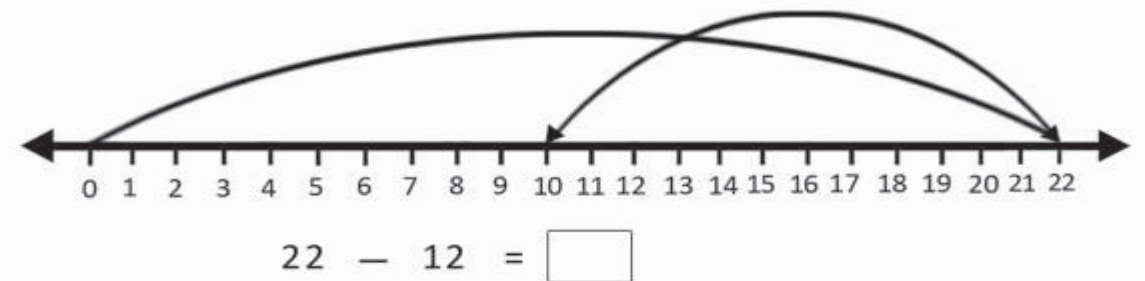
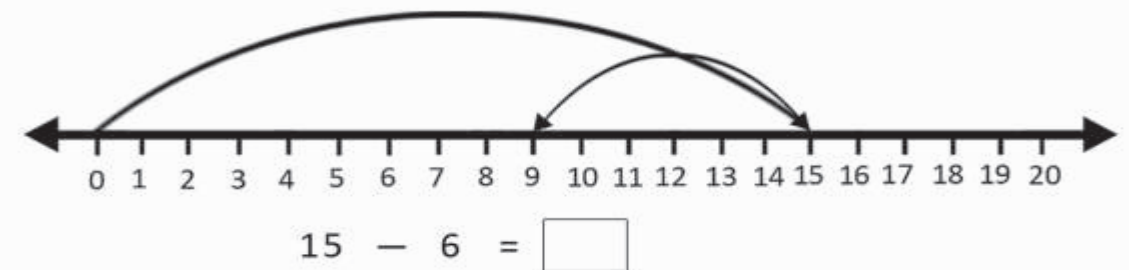
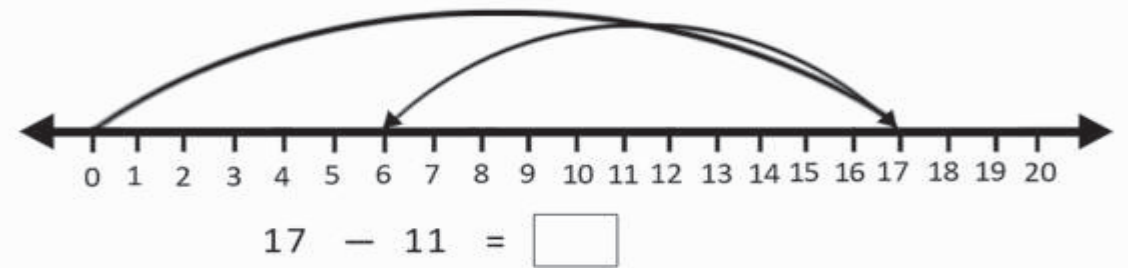
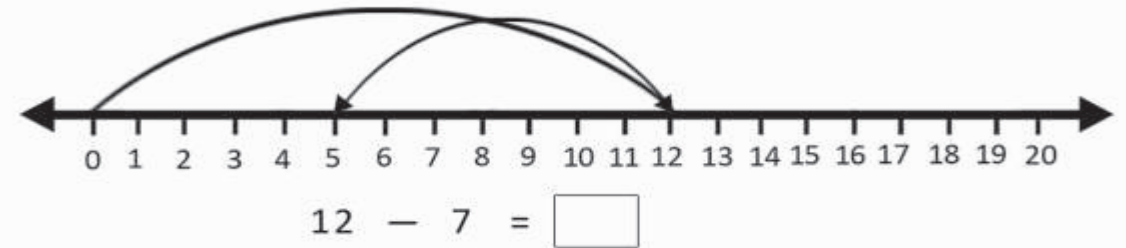
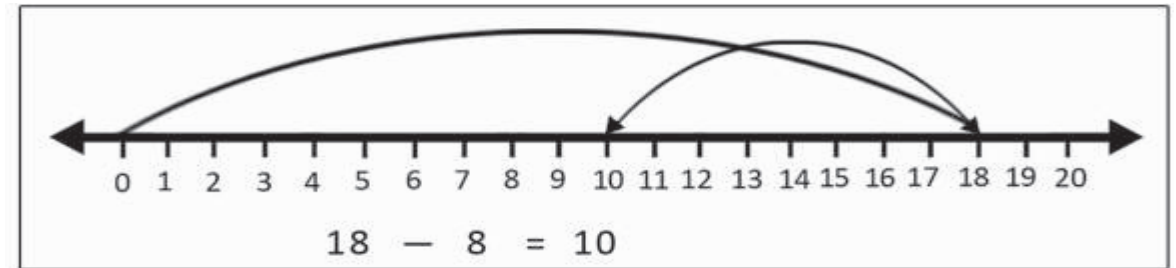
### Ɔfa 9. Nkyekyemu bebree Adesua 1.



Wie eyinom



### Ɔfa 3. Nɔma Abien Nyifim Adesua 1.





**Ɔfa 3. Nɔma Abien Nyifim Adesua 2.**

Fa du du ne mmaako mmaako ma wo mmuae no.

$\begin{array}{r} 36 \\ - 15 \\ \hline 21 \end{array}$	→	
$\begin{array}{r} 48 \\ - 26 \\ \hline \end{array}$	→	
$\begin{array}{r} 54 \\ - 22 \\ \hline \end{array}$	→	
$\begin{array}{r} 69 \\ - 17 \\ \hline \end{array}$	→	
$\begin{array}{r} 37 \\ - 12 \\ \hline \end{array}$	→	
$\begin{array}{r} 29 \\ - 16 \\ \hline \end{array}$	→	

**Ɔfa 8. Ahoroyɛ bebreɛ Adesua 9.**

Kenkan nsemisa no. Kyerɛw nɔma no nhyehyɛ no.  
Kyerɛw mmuae no.

Aniwa dodow ahe na sukuufo 10 wɔ?

$$\square \times \square = \square$$

Sukuufo 5 wɔ kuw biara mu. Sukuufo no dodow nyinaa yɛ ahe?

$$\square \times \square = \square$$

Tikya bi wɔ pensre pakɛte 8.

Pensere 5 wɔ pakɛte biara mu. Pensere dodow ahe na Tikya no wɔ?

$$\square \times \square = \square$$

Aso dodow ahe na sukuufo 6 wɔ?

$$\square \times \square = \square$$

Ɔfa 8. Ahoroye bebree Adesua 8.

Fa nɔma a yeagyaw no hyehye mu.

$$5 \times \square = 10$$

$$6 \times \square = 24$$

$$\square \times 3 = 12$$

$$\square \times 6 = 36$$

$$3 \times 6 = \square$$

$$\square \times 8 = 32$$

$$4 \times \square = 20$$

$$7 \times \square = 21$$

$$\square \times 6 = 30$$

$$6 \times 4 = \square$$

Ɔfa 3. Nɔma Abien Nyifim Adesua 4.

Fa du du ne mmaako mmaako ma wo mmuae no.

$\begin{array}{r} 34 \\ - 16 \\ \hline 18 \end{array}$	➔	
$\begin{array}{r} 45 \\ - 27 \\ \hline \end{array}$	➔	
$\begin{array}{r} 32 \\ - 18 \\ \hline \end{array}$	➔	
$\begin{array}{r} 54 \\ - 26 \\ \hline \end{array}$	➔	
$\begin{array}{r} 67 \\ - 19 \\ \hline \end{array}$	➔	
$\begin{array}{r} 31 \\ - 16 \\ \hline \end{array}$	➔	



**Ɔfa 3. Nɔma Abien Nyifim Adesua 6.**

Fa du du ne mmaako mmaako ma wo mmuae no.

$\begin{array}{r} 52 \\ - 27 \\ \hline 25 \end{array}$	
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$\begin{array}{r} 63 \\ - 35 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 54 \\ - 48 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 58 \\ - 36 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 82 \\ - 17 \\ \hline \\ \hline \end{array}$
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$\begin{array}{r} 74 \\ - 26 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 82 \\ - 43 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 46 \\ - 19 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 66 \\ - 24 \\ \hline \\ \hline \end{array}$
---	---	---	---

$\begin{array}{r} 39 \\ - 27 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 91 \\ - 25 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 65 \\ - 28 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 34 \\ - 15 \\ \hline \\ \hline \end{array}$
---	---	---	---

**Ɔfa 8. Ahoroyɛ bebree Adesua 6.**

Kyerɛw mmuae no.

$4 \times 2 = \square$

$7 \times 3 = \square$

$3 \times 3 = \square$

$9 \times 2 = \square$

$5 \times 4 = \square$

$10 \times 5 = \square$

$6 \times 3 = \square$

$8 \times 3 = \square$

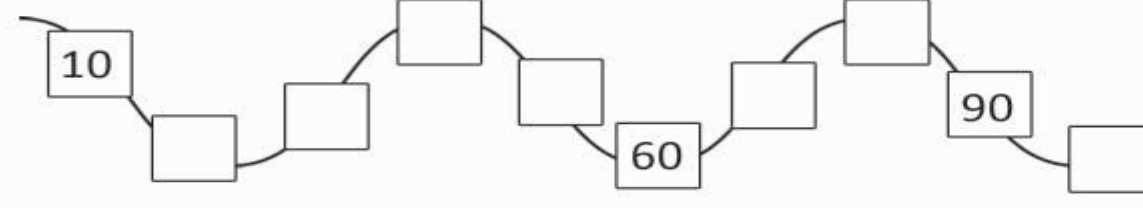
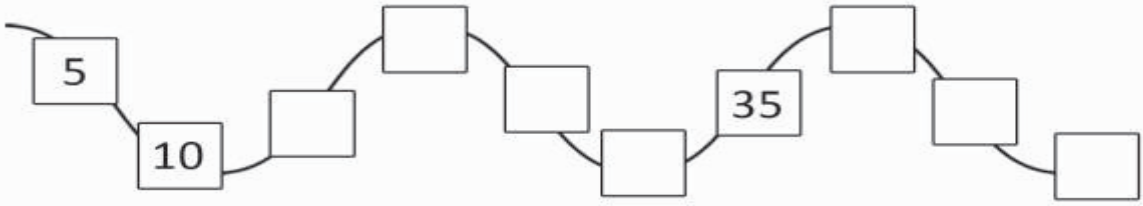
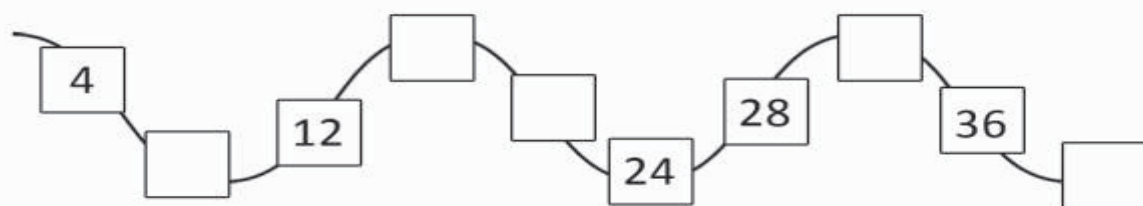
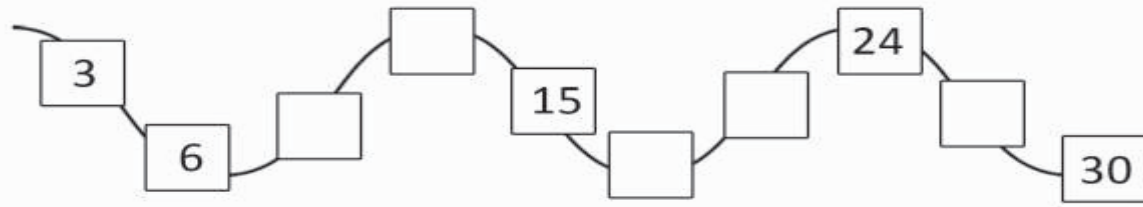
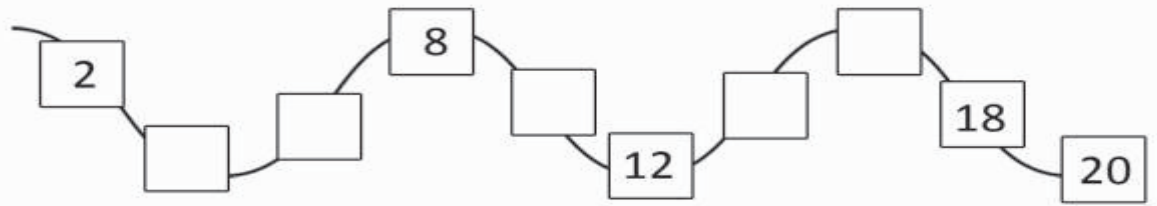
$8 \times 4 = \square$

$6 \times 5 = \square$

**Ɔfa 8. Ahoroye bebree. Adesua 5**

Hwehwe nɔma ahorow no ayɔnkofa.

Fa nɔma a yeagyaw no hyehye mu.



**Ɔfa 3. Nɔma Abien Nyifim Adesua 7.**

Wie nhyehyee yi.

Na mewɔ cedi 24 na midii cedi 16 wɔ gua so. Cedi ahe na aka wɔ me ho?

	Du du	Mmaako mmaako
—		

Na mango 52 gu adaka no mu. Yeadi mu 25. Dodow ahe na aka a ɔkyena yebedi?

	Du du	Mmaako mmaako
—		

Amma wɔ abuwɔw aba 63. Oduaa emu 48. Dodow ahe na aka?

	Du du	Mmaako mmaako
—		

Չֆա 4. Չհա չհա, du du ne mmaako mmaako Adesua 2.

Fa ո՞ժա a ԿԵԳԿԿԿ no հԵհԵԿ mu.

Չֆա 8. Ahoroye bebree Adesua 2.

### Չֆա 7. Ntimu Adesua 3.

Fa ոճմա a ղeagyaw no hyehye mu.

4926   4927         4930  

381         384      386

699      701   702     

  450   451         454

  809         812  

997      999         1002

### Չֆա 4. Չհա չհա, du du ne mmaako mmaako Adesua 3.

Fa ոճմա a ղeagyaw no hyehye mu.

		Du du	Mmaako mmaako	Dodow
26	=	2	6	20+6
34	=			
57	=			
81	=			

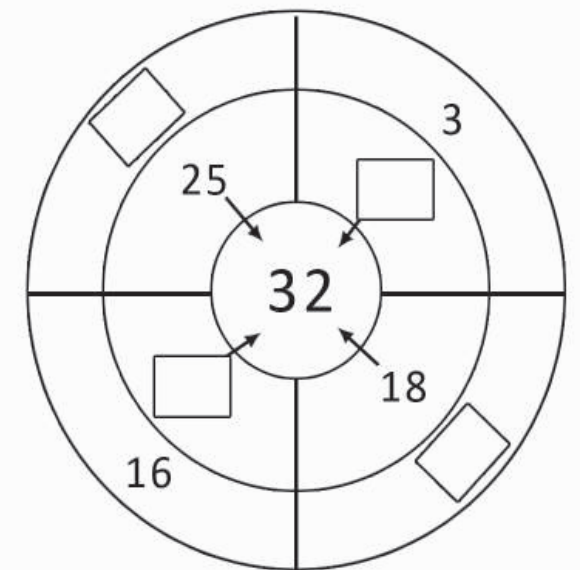
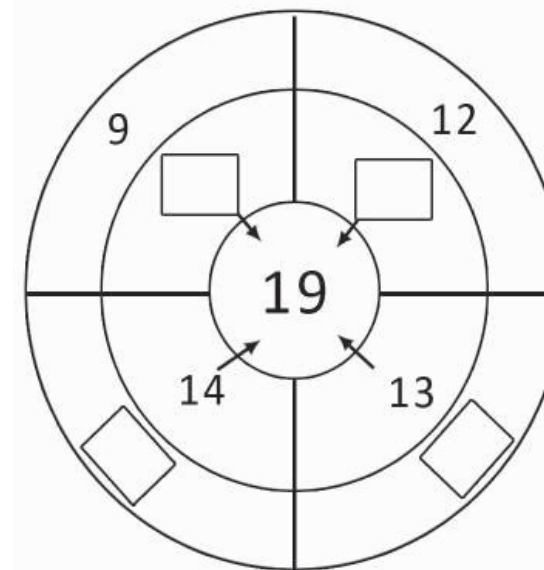
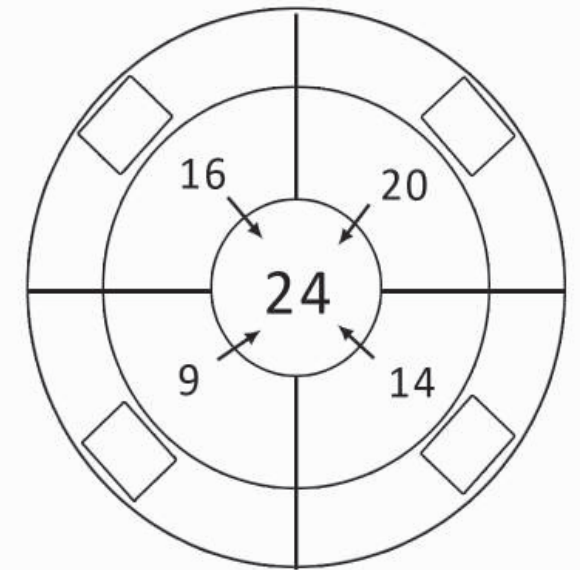
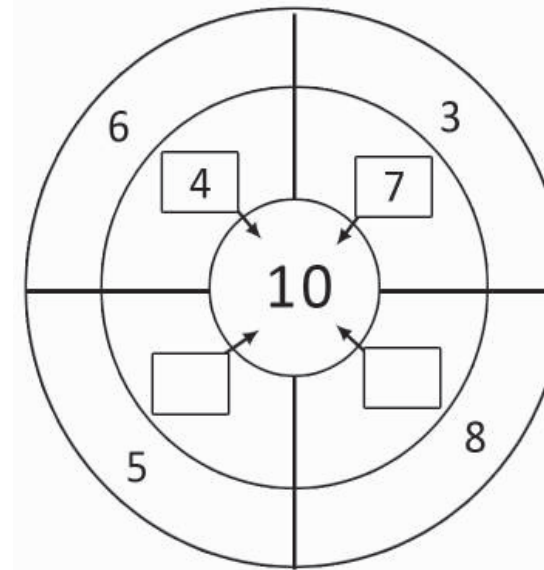
		Չհա չհա	Du du	Mmaako mmaako	Dodow
127	=	1	2	7	100+20+7
583	=				
862	=				
159	=				
745	=				
916	=				

ጋፊ 4. ጋሐ ጋሐ, du du ne mmaako mmaako Adesua 5  
 ጋሐ ጋሐ, du du ne mmaako mmaako Nkekaho.

		ጋሐ ጋሐ	Du du	Mmaako mmaako
<b>236</b>	➡	<b>2</b>	<b>3</b>	<b>6</b>
<b>+ 322</b>	➡	<b>3</b>	<b>2</b>	<b>2</b>
<b>558</b>	➡	<b>5</b>	<b>5</b>	<b>8</b>
<b>543</b>	➡			
<b>+ 216</b>	➡			
	➡			
<b>335</b>	➡			
<b>+ 243</b>	➡			
	➡			
<b>444</b>	➡			
<b>+ 203</b>	➡			
	➡			

ጋፊ 7. Ntimu Adesua 2

Fa nጋጠa a yeagyaw no hyehye mu.





### Չֆա 7. Ntim Adesua 1

Իրա նիւոնո. Բա Նկեհո նե Նիֆիմ յե ադւումա ո. Բա նսենկյերեննե ա յեադյաւ ո նե ոճա ո, մա ենյե ոճա ա եւճ սորո հճ ո բերերբ.

7		
3	+	4
2	+	5
17	-	10
25	-	18
1	+	6
30	-	23

23		
13	+	
43	-	
20	+	
97	-	
28	-	
9	+	

45		
20	+	
60	-	
78	-	
12		
55		
31		

150		
150		
500		
240		
650		
100		
490		

### Չֆա 5. Նճա Աբիսա Նկեհո նե Նիֆիմ Adesua 2.

Ahçhofi		
Չա Չա	Du du	Mmaako mmaako
2	3	9
+	3	4
5	8	2

Ahçhofi		
Չա Չա	Du du	Mmaako mmaako
4	6	5
+	2	7
7	4	3

Ahçhofi		
Չա Չա	Du du	Mmaako mmaako
3	8	9
+	1	6

Ahçhofi		
Չա Չա	Du du	Mmaako mmaako
4	9	3
+	2	4

Ahçhofi		
Չա Չա	Du du	Mmaako mmaako
3	7	5
+	1	6

Ahçhofi		
Չա Չա	Du du	Mmaako mmaako
2	0	9
+	3	8

Ahçhofi		
Չա Չա	Du du	Mmaako mmaako
5	3	7
+	2	8



Ɔfa 5. Nɔma Abiesɔ Nkekaho ne Nyifim Adesua 3.

$\begin{array}{r} 258 \\ + 183 \\ \hline 441 \end{array}$	<p>1. Kan mmaako mmaako: <math>8 + 3 = 11 = 10 + 1</math></p> <p>2. Kan du du: <math>50 + 80 + 10 = 140 = 100 + 40</math></p> <p>3. Kan ɔha ɔha: <math>200 + 100 + 100 = 400</math></p>
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$$\begin{array}{r} 205 \\ + 157 \\ \hline \end{array}$$

$$\begin{array}{r} 245 \\ + 378 \\ \hline \end{array}$$

$$\begin{array}{r} 529 \\ + 153 \\ \hline \end{array}$$

$$\begin{array}{r} 169 \\ + 454 \\ \hline \end{array}$$

$$\begin{array}{r} 365 \\ + 259 \\ \hline \end{array}$$

$$\begin{array}{r} 723 \\ + 166 \\ \hline \end{array}$$

$$\begin{array}{r} 357 \\ + 285 \\ \hline \end{array}$$

$$\begin{array}{r} 546 \\ + 124 \\ \hline \end{array}$$

$$\begin{array}{r} 368 \\ + 253 \\ \hline \end{array}$$

Ɔfa 6. Mpem, Ɔha ɔha, Du du na Mmaako mmaako Adesua 5.

Kyerɛw > anaa <

$3541 \quad \square \quad 8749$

$5728 \quad \square \quad 1549$

$2449 \quad \square \quad 3687$

$1035 \quad \square \quad 3364$

$3170 \quad \square \quad 2095$

$8619 \quad \square \quad 3245$

Kyerɛw nɔma ahorow no.  
Mpemnan, ɔha ne aduonu abien.

Mpemnsia, ahankron ne duanan.

**Ɔfa 6. Mpem, Ɔha Ɔha, Du du na Mmaako mmaako**

Adesua 3. Kyerew nɔma no.

	Mpem	Ɔha Ɔha	Du du	Mmaako mmaako
<b>3684</b>	<b>3</b>	<b>6</b>	<b>8</b>	<b>4</b>
<b>2731</b>				
<b>8693</b>				
<b>4469</b>				
<b>6218</b>				
<b>5085</b>				
<b>3990</b>				
<b>2152</b>				
<b>6020</b>				

**Ɔfa 5. Nɔma Abiesɔ Nkekaho ne Nyifim Adesua 5.**

<b>321</b>	
<b>- 185</b>	
<b>136</b>	

<b>352</b>	<b>480</b>	<b>374</b>
<b>- 135</b>	<b>- 253</b>	<b>- 188</b>
<b>324</b>	<b>246</b>	<b>542</b>
<b>- 205</b>	<b>- 195</b>	<b>- 269</b>
<b>456</b>	<b>637</b>	<b>822</b>
<b>- 382</b>	<b>- 256</b>	<b>- 364</b>

**Ɔfa 5. Nɔma Abiesɔ Nkekaho ne Nyifim Adesua 6.**

Nnafua 365 na ɛwɔ afe bi mu. Emu nnafua 187 atwa mu. Nnafua ahe na aka wɔ afe yi mu?

	Ɔha Ɔha	Du du	Mmaako mmaako
-			

Me nuabea duaɔ aburow aba 86, na me nso meduaɔ 105. Aburow aba ahe na yen abien duaɔ?

	Ɔha Ɔha	Du du	Mmaako mmaako
+			

Hwe akontaa nsɛnkyerɛnne no, na fa eyinom ye nkekaho anaa nyifim.

<b>375</b>	<b>465</b>	<b>527</b>
<b>+ 248</b>	<b>- 291</b>	<b>+ 129</b>
_____	_____	_____
_____	_____	_____
<b>375</b>	<b>465</b>	<b>527</b>
<b>- 248</b>	<b>+ 291</b>	<b>- 129</b>
_____	_____	_____
_____	_____	_____

**Ɔfa 6. Mpem, Ɔha Ɔha, du du ne mmaako mmaako Adesua 2. Kenkan na kyerɛw nɔma biara.**

**Kan**

**Kyerɛw**

**Mpemnan, ahanu ne aduonum asia.**

**Mpem abien, ahanum ne aduoson.**

**Mpemnsia, ahasa ne aduanan nkron.**

**Apem, ahanson ne awotwe.**

**Mpem abiesɔ ne aduanan abien.**